

SHAP-110 (Seq Listing)\_ST25  
SEQUENCE LISTING

<110> Shapiro, Leland  
<120> Inhibitors of Serine Protease Activity, Methods and Compositions  
for Treatment of Nitric Oxide-Induced Clinical Conditions  
<130> SHAP-000110 (Formerly 330310.00101)  
<140> 10/669,441  
<141> 2003-09-25  
<150> 10/427,929  
<151> 2003-05-02  
<160> 1  
<170> PatentIn version 3.4  
<210> 1  
<211> 417  
<212> PRT  
<213> Homo sapiens

<300>  
<301> Ciliberto, et al.  
<303> Cell  
<304> 41  
<306> 531-540  
<307> 1985

<400> 1

Met Pro Ser Ser Val Ser Trp Gly Ile Leu Leu Ala Gly Leu Cys Cys  
1                       5                   10                   15

Leu Val Pro Val Ser Leu Ala Glu Asp Pro Gln Gly Asp Ala Ala Gln  
20                   25                   30

Lys Thr Asp Thr Ser His His Asp Gln Asp His Pro Thr Phe Asn Lys  
35                   40                   45

Ile Thr Pro Asn Leu Ala Glu Phe Ala Phe Ser Leu Tyr Arg Gln Leu  
50                   55                   60

Ala His Gln Ser Asn Ser Thr Asn Ile Phe Phe Ser Pro Val Ser Ile  
65                   70                   75                   80

Ala Thr Ala Phe Ala Met Leu Ser Leu Gly Thr Lys Ala Asp Thr His  
85                   90                   95

Asp Glu Ile Leu Glu Gly Leu Asn Phe Asn Leu Thr Glu Ile Pro Glu  
100                  105                  110

Ala Gln Ile His Glu Gly Phe Gln Glu Leu Leu Arg Thr Leu Asn Gln  
115                  120                  125

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Pro Asp Ser Gln Leu Gln Leu Thr Thr Gly Asn Gly Leu Phe Leu Ser  
130 135 140

Glu Gly Leu Lys Leu Val Asp Lys Phe Leu Glu Asp Val Lys Lys Leu  
145 150 155 160

Tyr His Ser Glu Ala Phe Thr Val Asn Phe Gly Asp His Glu Glu Ala  
165 170 175

Lys Lys Gln Ile Asn Asp Tyr Val Glu Lys Gly Thr Gln Gly Lys Ile  
180 185 190

Val Asp Leu Val Lys Glu Leu Asp Arg Asp Thr Val Phe Ala Leu Val  
195 200 205

Asn Tyr Ile Phe Phe Lys Gly Lys Trp Glu Arg Pro Phe Glu Val Lys  
210 215 220

Asp Thr Glu Asp Glu Asp Phe His Val Asp Gln Val Thr Thr Val Lys  
225 230 235 240

Val Pro Met Met Lys Arg Leu Gly Met Phe Asn Ile Gln His Cys Lys  
245 250 255

Lys Leu Ser Ser Trp Val Leu Leu Met Lys Tyr Leu Gly Asn Ala Thr  
260 265 270

Ala Ile Phe Phe Leu Pro Asp Glu Gly Lys Leu Gln His Leu Glu Asn  
275 280 285

Glu Leu Thr His Asp Ile Ile Thr Lys Phe Leu Glu Asn Glu Asp Arg  
290 295 300

Arg Ser Ala Ser Leu His Leu Pro Lys Leu Ser Ile Thr Gly Thr Tyr  
305 310 315 320

Asp Leu Lys Ser Val Leu Gly Gln Leu Gly Ile Thr Lys Val Phe Ser  
325 330 335

Asn Gly Ala Asp Leu Ser Gly Val Thr Glu Glu Ala Pro Leu Lys Leu  
340 345 350

Ser Lys Ala Val His Lys Ala Val Leu Thr Ile Asp Glu Lys Gly Thr  
355 360 365

Glu Ala Ala Gly Ala Met Phe Leu Glu Ala Ile Pro Met Ser Ile Pro  
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375                   380

Pro Glu Val Lys Phe Asn Lys Pro Phe Val Phe Leu Met Ile Glu Gln  
385                   390                   395                   400

Asn Thr Lys Ser Pro Leu Phe Met Gly Lys Val Val Asn Pro Thr Gln  
405                   410                   415

Lys